

Recovery Plan Action Status

Plan Name: Neosho Madtom

Plan Status: Final

Plan Date: 30-Sep-91

Lead Agency: USFWS

Lead Office: Kansas Ecological Services Field Office

(585)

539-3474)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Neosho madtom (Noturus placidus)	3	1	Survey potential reintroduction sites	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs, field time
Neosho madtom (Noturus placidus)	3	10	Coordinate other federal costs	Obsolete			U.S. Federal Highway Administration, U.S. Army Corps of Engineers, Rural Electrification Administration, Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver	Work type not yet selected	Labor type not yet selected	Administrative costs, consultations

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Neosho madtom (Noturus placidus)	3	11	Information and education program	Ongoing Not Current	Prior to FY 1995		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Other: Information and Education	Contract	Administrative costs, educational materials
Neosho madtom (Noturus placidus)	2	12	Neosho and Spring River differences	Ongoing Not Current	FY 1995 - FY 1999		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Habitat Status	Contract	
Neosho madtom (Noturus placidus)	2	13	Superfund Site cleanup	Ongoing Current	FY 1995 - FY 1999		Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 6 - Denver, Kansas Department of Health and Environment, Kansas Department of Wildlife and Parks	Acquisition: Management Agreement	Contract	To be funded by Superfund program

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Neosho madtom (Noturus placidus)	2	14	Monitor populations	Ongoing Current	Prior to FY 1995		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Population Surveys	Internal Field Assistance	
Neosho madtom (Noturus placidus)	2	15	Emergency response plan	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Health and Environment, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs
Neosho madtom (Noturus placidus)	2	16	Enhance protection - Oklahoma and Missouri	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation	Management: Other	Internal Administrative	Administrative costs

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Neosho madtom (Noturus placidus)	2	17	Enhance protection - enforcement	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Kansas Department of Wildlife and Parks	Management: Other	Internal Administrative	Administrative costs, field time
Neosho madtom (Noturus placidus)	2	18	Study impacts of tributary watershed dams	Complete	Prior to FY 1995	FY 1995 - FY 1999	U.S. Army Corps of Engineers, Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research	Contract	Administrative costs, field time
Neosho madtom (Noturus placidus)	2	19	Develop slender madtom control program	Obsolete			Fish and Wildlife Enhancement, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	
Neosho madtom (Noturus placidus)	3	2	Prioritize reintroduction sites	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs

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Neosho madtom (Noturus placidus)	2	20	Survey Spring River	Ongoing Current	Prior to FY 1995		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Population Surveys	Internal Field Assistance	
Neosho madtom (Noturus placidus)	2	21	Survey Neosho River in Oklahoma	Ongoing Current	FY 1995 - FY 1999		Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 6 - Denver	Research: Population Surveys	Internal Field Assistance	
Neosho madtom (Noturus placidus)	2	22	Survey tributaries	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Population Surveys	Internal Field Assistance	
Neosho madtom (Noturus placidus)	3	23	Survey artificial propagation	Ongoing Current	FY 2007		Fish and Wildlife Enhancement, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Propagation	Labor type not yet selected	Estimate provided by Dexter National Fish Hatchery

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Neosho madtom (Noturus placidus)	3	24	Assess impact of fish kills	Ongoing Not Current	Prior to FY 1995		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Health and Environment, Kansas Department of Wildlife and Parks	Management: Other	Internal Field Assistance	Administrative costs, field time
Neosho madtom (Noturus placidus)	1	25	Study movements between riffles	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Demographic Studies	Contract	

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Neosho madtom (Noturus placidus)	1	26	Systematic Studies	Partially Complete	FY 2007	FY 2010	Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Genetics	Contract	University of Kansas will be cooperating with USGS.
Neosho madtom (Noturus placidus)	1	27	Assess degree of interspecific competition	Obsolete			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	
Neosho madtom (Noturus placidus)	1	28	Develop delisting criteria	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Management: Planning	Species Expert	

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Neosho madtom (Noturus placidus)	1	29	Protect minimum streamflows	Ongoing Current	Prior to FY 1995		U.S. Army Corps of Engineers, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 6 - Denver, Nuclear Energy Regulatory Commission	Management: Planning	Internal Administrative	Administrative costs
Neosho madtom (Noturus placidus)	3	3	Develop reintroduction plans	Not Started			U.S. Federal Highway Administration, U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs

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Neosho madtom (Noturus placidus)	2	30	Determine streamflow requirements	Ongoing Current	FY 1995 - FY 1999		U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Habitat Requirements	Contract	
Neosho madtom (Noturus placidus)	2	31	Spawning habits and habitat selection	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Propagation	Contract	

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Neosho madtom (Noturus placidus)	2	32	Determine recruitment rates in the wild	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Population Surveys	Contract	
Neosho madtom (Noturus placidus)	2	33	Determine tolerance to siltation	Not Started			U.S. Army Corps of Engineers, Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Habitat Requirements	Contract	

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Neosho madtom (Noturus placidus)	2	34	Water chemistry limiting factors	Not Started			Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Environmental Protection Agency , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Health and Environment, Kansas Department of Wildlife and Parks	Research: Habitat Requirements	Contract	
Neosho madtom (Noturus placidus)	2	35	Effects of riffle degradation	Not Started			U.S. Federal Highway Administration, U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Research: Habitat Requirements	Contract	

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Neosho madtom (Noturus placidus)	3	4	Implement reintroduction plans	Not Started			U.S. Federal Highway Administration, U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs
Neosho madtom (Noturus placidus)	3	5	Enhance protection- Kansas	Not Started			Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs
Neosho madtom (Noturus placidus)	3	6	Enhance protection- collect permits	Obsolete			U.S. Fish and Wildlife Service, Law Enforcement Division, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Work type not yet selected	Labor type not yet selected	Administrative costs

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Neosho madtom (Noturus placidus)	3	7	Solicit assistance to protect habitat	Ongoing Not Current	FY 1995 - FY 1999		Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, U.S. Fish and Wildlife Service, Division of Refuges and Wildlife, Kansas Department of Wildlife and Parks	Other	Species Expert	Administrative costs, private organization involved
Neosho madtom (Noturus placidus)	3	8	Coordinate reservoir construction	Ongoing Not Current	Prior to FY 1995		U.S. Army Corps of Engineers, Missouri Department of Conservation, Oklahoma Department of Wildlife Conservation , Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver, Kansas Department of Wildlife and Parks	Management: Planning	Internal Administrative	Administrative costs, consultations
Neosho madtom (Noturus placidus)	3	9	Coordinate dam operations	Planned	FY 2010	FY 2012	U.S. Army Corps of Engineers, Soil Conservation Service , Fish and Wildlife Enhancement, USFWS Regional Office 2 - Albuquerque, USFWS Regional Office 3 - Twin Cities, USFWS Regional Office 6 - Denver	Management: Planning	Labor type not yet selected	Administrative costs, consultations